**This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record**

## BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **72** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> mov* <and> camera <and> background Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **Advanced visual tracking system based on 3-D motion model of mo object**
*Junghyun Hwang; Ooi, Y.; Ozawa, S.;*
Industrial Electronics, Control and Instrumentation, 1994. IECON '94., 20th International Conference on , Volume: 2 , 5-9 Sept. 1994
Pages:821 - 825 vol.2

[Abstract] [PDF Full-Text (420 KB)] **IEEE CNF**

---

2 **Simple and effective algorithm for automatic tracking of a single ob using a pan-tilt-zoom camera**
*Yu-Wen Huang; Bing-Yu Hsieh; Shao-Yi Chien; Liang-Gee Chen;*
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on , Volume: 1 , 26-29 Aug. 2002
Pages:789 - 792 vol.1

[Abstract] [PDF Full-Text (585 KB)] **IEEE CNF**

---

3 **Tracking a person with pre-recorded image database and a pan, tilt zoom camera**
*Yiming Ye; Tsotsos, J.K.; Bennet, K.; Harley, E.;*
Visual Surveillance, 1998. Proceedings., 1998 IEEE Workshop on , 2 Jan. 199
Pages:10 - 17

[Abstract] [PDF Full-Text (204 KB)] **IEEE CNF**

---

4 **Realtime object extraction and tracking with an active camera usin image mosaics**
*Chia-Wen Lin; Chih-Ming Wang; Yao-Jen Chang; Yung-Chang Chen;*
Multimedia Signal Processing, 2002 IEEE Workshop on , 9-11 Dec. 2002

h eee e eee g e ch e ch e e e c

Pages:149 - 152

[Abstract] [PDF Full-Text (474 KB)] IEEE CNF

---

5 **Real-time tracking of multiple moving objects in moving camera im sequences using robust statistics**
*Araki, S.; Matsuoka, T.; Takemura, H.; Yokoya, N.;*
Pattern Recognition, 1998. Proceedings. Fourteenth International Conference on , Volume: 2 , 16-20 Aug. 1998
Pages:1433 - 1435 vol.2

[Abstract] [PDF Full-Text (640 KB)] IEEE CNF

---

6 **ASSET-2: real-time motion segmentation and shape tracking**
*Smith, S.M.;*
Computer Vision, 1995. Proceedings., Fifth International Conference on , 20-: June 1995
Pages:237 - 244

[Abstract] [PDF Full-Text (1068 KB)] IEEE CNF

---

7 **Co-operative computing for a distributed network of security surveillance cameras**
*Ellis, T.;*
Distributed Imaging (Ref. No. 1999/109), IEE European Workshop , 18 Nov. :
Pages:10/1 - 10/5

[Abstract] [PDF Full-Text (212 KB)] IEE CNF

---

8 **Classifying periodic motions in video sequences**
*Orriols, X.; Binefa, X.;*
Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 1 , 14-17 Sept. 2003
Pages:I - 945-52 vol.1

[Abstract] [PDF Full-Text (368 KB)] IEEE CNF

---

9 **ComMode: an algorithm for video background modeling and object segmentation**
*Lipton, A.J.; Haering, N.;*
Control, Automation, Robotics and Vision, 2002. ICARCV 2002. 7th Internatio Conference on , Volume: 3 , 2-5 Dec. 2002
Pages:1603 - 1608 vol.3

[Abstract] [PDF Full-Text (645 KB)] IEEE CNF

---

10 **Reactive control of zoom while fixating using perspective and affin cameras**
*Tordoff, B.; Murray, D.;*
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 26 , Issue: 1 , Jan 2004
Pages:98 - 112

[Abstract] [PDF Full-Text (6380 KB)] **IEEE JNL**

11 **Learning patterns of activity using real-time tracking**
*Stauffer, C.; Grimson, W.E.L.;*
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 22 , Issue: 8 , Aug. 2000
Pages:747 - 757

[Abstract] [PDF Full-Text (2296 KB)] **IEEE JNL**

12 **Tracking and handoff between multiple perspective camera views**
*Guler, S.; Griffith, J.M.; Pushee, I.A.;*
Applied Imagery Pattern Recognition Workshop, 2003. Proceedings. 32nd , 1
Oct. 2003
Pages:275 - 281

[Abstract] [PDF Full-Text (735 KB)] **IEEE CNF**

13 **Geometric image masking for segmenting dynamic projected imag**
*Pingali, G.; Hampapur, A.;*
Image Processing, 2003. Proceedings. 2003 International Conference on , Vo
3 , 14-17 Sept. 2003
Pages:III - 345-8 vol.2

[Abstract] [PDF Full-Text (526 KB)] **IEEE CNF**

14 **Object tracking using motion-adaptive modeling of scene content**
*Rabiner, W.; Jacquin, A.;*
Global Telecommunications Conference, 1996. GLOBECOM '96. 'Communicati
The Key to Global Prosperity , Volume: 2 , 18-22 Nov. 1996
Pages:877 - 881 vol.2

[Abstract] [PDF Full-Text (1492 KB)] **IEEE CNF**

15 **Moving object detection from MPEG bit stream**
*Zhonghua Liang; Ping Wang; Zheng Tan;*
Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03). 2
IEEE International Conference on , Volume: 3 , 6-10 April 2003
Pages:III - 701-4 vol.3

[Abstract] [PDF Full-Text (333 KB)] **IEEE CNF**

**1 2 3 4 5 Next**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore

- Home
- What Can I Access?
- Log-out

Tables of Contents

- Journals & Magazines
- Conference Proceedings
- Standards

Search

- By Author
- Basic
- Advanced

Member Services

- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise

- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **72** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> mov* <and> camera <and> background Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

16 **Multi view image surveillance and tracking**
*Black, J.; Ellis, T.; Rosin, P.;*
Motion and Video Computing, 2002. Proceedings. Workshop on , 5-6 Dec. 20(
Pages:169 - 174

[Abstract] [PDF Full-Text (848 KB)] **IEEE CNF**

17 **Active outdoor surveillance**
*Haritaoglu, I.; Harwood, D.; Davis, L.S.;*
Image Analysis and Processing, 1999. Proceedings. International Conference on , 27-29 Sept. 1999
Pages:1096 - 1099

[Abstract] [PDF Full-Text (120 KB)] **IEEE CNF**

18 **Real-time detection and tracking of a moving object using a compl programmable logic device**
*Benkhalil, A.K.; Sipson, S.S.; Booth, W.;*
Target Tracking and Data Fusion (Digest No. 1998/282), IEE Colloquium on , June 1998
Pages:10/1 - 10/7

[Abstract] [PDF Full-Text (436 KB)] **IEE CNF**

19 **A visual tracking system for sports video annotation in unconstrair environments**
*Tomita, A.; Echigo, T.; Knrokawa, M.; Miyamori, H.; Iisaku, S.;*
Image Processing, 2000. Proceedings. 2000 International Conference on , Vo 3 , 10-13 Sept. 2000
Pages:242 - 245 vol.3

[Abstract] [PDF Full-Text (276 KB)] **IEEE CNF**

20 **Aerial video surveillance and exploitation**
*Kumar, R.; Sawhney, H.; Samarasekera, S.; Hsu, S.; Hai Tao; Yanlin Guo; H. K.; Pope, A.; Wildes, R.; Hirvonen, D.; Hansen, M.; Burt, P.;*
Proceedings of the IEEE , Volume: 89 , Issue: 10 , Oct. 2001
Pages:1518 - 1539

[Abstract] [PDF Full-Text (464 KB)] **IEEE JNL**

21 **Real-time 2(1/2)-D head pose recovery for model-based video-cod**
*Cordea, M.D.; Petriu, E.M.; Georganos, N.D.; Petriu, D.C.; Whalen, T.E.;*
Instrumentation and Measurement, IEEE Transactions on , Volume: 50 , Issu 4 , Aug. 2001
Pages:1007 - 1013

[Abstract] [PDF Full-Text (136 KB)] **IEEE JNL**

22 **Spatiotemporal segmentation and tracking of objects for visualizat of videoconference image sequences**
*Kompatsiaris, I.; Gerassimos Strintz, M.;*
Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 10 , Issue: 8 , Dec. 2000
Pages:1388 - 1402

[Abstract] [PDF Full-Text (388 KB)] **IEEE JNL**

23 **Extraction of skeleton features using human silhouette and skin**
*Taeho Kim; Kang-Hyun Jo; Inho Lee;*
Science and Technology, 2003. Proceedings KORUS 2003. The 7th Korea-Rus International Symposium on , Volume: 2 , 28 June-6 July 2003
Pages:113 - 118 vol.2

[Abstract] [PDF Full-Text (460 KB)] **IEEE CNF**

24 **Mosaic of a video shot with multiple moving objects**
*Fusiello, A.; Aprile, M.; Marzotto, R.; Murino, V.;*
Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 2 , 14-17 Sept. 2003
Pages:II - 307-10 vol.3

[Abstract] [PDF Full-Text (458 KB)] **IEEE CNF**

25 **Video editing using figure tracking and image-based rendering**
*Rehg, J.M.; Sing Bing Kang; Tat-Jen Cham;*
Image Processing, 2000. Proceedings. 2000 International Conference on , Vo 2 , 10-13 Sept. 2000
Pages:17 - 20 vol.2

[Abstract] [PDF Full-Text (384 KB)] **IEEE CNF**

26 **Continuous tracking within and across camera streams**

*Jinman Kang; Cohen, I.; Medioni, G.;*
Computer Vision and Pattern Recognition, 2003. Proceedings. 2003 IEEE Com
Society Conference on , Volume: 1 , 18-20 June 2003
Pages:I-267 - I-272 vol.1

[Abstract] [PDF Full-Text (602 KB)] **IEEE CNF**

---

27 **A robust motion-estimation algorithm for multiple-target tracking close proximity based on hexagonal partitioning**
*Mabey, G.W.; Gunther, J.;*
Proceedings. IEEE Conference on Advanced Video and Signal Based Surveillar
2003. , 21-22 July 2003
Pages:107 - 112

[Abstract] [PDF Full-Text (473 KB)] **IEEE CNF**

---

28 **Automatic face region tracking for highly accurate face recognition unconstrained environments**
*Kim, Y.-O.; Paik, J.; Jingu Heo; Koschan, A.; Abidi, B.; Abidi, M.;*
Proceedings. IEEE Conference on Advanced Video and Signal Based Surveillar
2003. , 21-22 July 2003
Pages:29 - 36

[Abstract] [PDF Full-Text (543 KB)] **IEEE CNF**

---

29 **Hyper Frame Vision: a real-time vision system for 6-DOF object localization**
*Sumi, Y.; Ishiyama, Y.; Tomita, F.;*
Pattern Recognition, 2002. Proceedings. 16th International Conference
on , Volume: 3 , 11-15 Aug. 2002
Pages:577 - 580 vol.3

[Abstract] [PDF Full-Text (347 KB)] **IEEE CNF**

---

30 **Moving target tracking algorithm based on the confidence measure motion vectors**
*Jin-Sung Lee; Kwang-Yeon Rhee; Seong-Dae Kim;*
Image Processing, 2001. Proceedings. 2001 International Conference on , Vo
1 , 7-10 Oct. 2001
Pages:369 - 372 vol.1

[Abstract] [PDF Full-Text (392 KB)] **IEEE CNF**

---

**Prev 1 2 3 4 5 Next**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **72** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enteri new one in the text box.

track* <and> mov* <and> camera <and> background Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

---

31 **Long-term moving object segmentation and tracking using spatio-temporal consistency**
*Di Zhong; Shih-Fu Chang;*
Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 2 , 7-10 Oct. 2001
Pages:57 - 60 vol.2

[Abstract] [PDF Full-Text (376 KB)] **IEEE CNF**

---

32 **Improved person tracking using a combined pseudo-2D-HMM and Kalman filter approach with automatic background state adaptation**
*Breit, H.; Rigoll, G.;*
Image Processing, 2001. Proceedings. 2001 International Conference on , Vo 2 , 7-10 Oct. 2001
Pages:53 - 56 vol.2

[Abstract] [PDF Full-Text (480 KB)] **IEEE CNF**

---

33 **Ghost error elimination and superimposition of moving objects in v mosaicing**
*Echigo, T.; Radke, R.; Ramadge, P.; Miyamori, H.; Iisaku, S.;*
Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conferenc on , Volume: 4 , 24-28 Oct. 1999
Pages:128 - 132 vol.4

[Abstract] [PDF Full-Text (504 KB)] **IEEE CNF**

---

34 **Face model adaptation with active tracking**
*Lijun Yin; Basu, A.;*
Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conferenc

on , Volume: 4 , 24-28 Oct. 1999
Pages:192 - 196 vol.4

[Abstract] [PDF Full-Text (360 KB)] **IEEE CNF**

---

35 **Detection of point targets in image sequences by hypothesis testin temporal test first approach**
*Tzannes, A.P.; Brooks, D.H.;*
Acoustics, Speech, and Signal Processing, 1999. ICASSP '99. Proceedings., 1
IEEE International Conference on , Volume: 6 , 15-19 March 1999
Pages:3377 - 3380 vol.6

[Abstract] [PDF Full-Text (308 KB)] **IEEE CNF**

---

36 **3-D head pose recovery for interactive virtual reality avatars**
*Cordea, M.D.; Petriu, D.C.; Petriu, E.M.; Georganas, N.D.; Whalen, T.E.;*
Instrumentation and Measurement, IEEE Transactions on , Volume: 51 , Issu
4 , Aug. 2002
Pages:640 - 644

[Abstract] [PDF Full-Text (599 KB)] **IEEE JNL**

---

37 **Detection of moving cast shadows for object segmentation**
*Stander, J.; Mech, R.; Ostermann, J.;*
Multimedia, IEEE Transactions on , Volume: 1 , Issue: 1 , March 1999
Pages:65 - 76

[Abstract] [PDF Full-Text (992 KB)] **IEEE JNL**

---

38 **Motion tracking with an active camera**
*Murray, D.; Basu, A.;*
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume:
16 , Issue: 5 , May 1994
Pages:449 - 459

[Abstract] [PDF Full-Text (932 KB)] **IEEE JNL**

---

39 **An adaptive approach to video tracking**
*Kabuka, M.; McVey, E.; Shironoshita, P.;*
Robotics and Automation, IEEE Journal of [see also IEEE Transactions on Rob
and Automation] , Volume: 4 , Issue: 2 , April 1988
Pages:228 - 236

[Abstract] [PDF Full-Text (764 KB)] **IEEE JNL**

---

40 **Motion detection for multiple moving targets by using an omnidirectional camera**
*Hong Liu; Wenkai Pi; Hongbin Zha;*
Robotics, Intelligent Systems and Signal Processing, 2003. Proceedings. 200
International Conference on , Volume: 1 , 8-13 Oct. 2003
Pages:422 - 426 vol.1

[Abstract] [PDF Full-Text (480 KB)] **IEEE CNF**

---

41 **Person tracking in real-world scenarios using statistical methods**
*Rigoll, G.; Eickeler, S.; Muller, S.;*
Automatic Face and Gesture Recognition, 2000. Proceedings. Fourth IEEE International Conference on , 28-30 March 2000
Pages:342 - 347

[Abstract] [PDF Full-Text (248 KB)] **IEEE CNF**

---

42 **A flexible eyetracker for psychological applications**
*DeVault, D.J.; Bond, A.H.;*
Applications of Computer Vision, 2000, Fifth IEEE Workshop on. , 4-6 Dec. 20
Pages:201 - 206

[Abstract] [PDF Full-Text (516 KB)] **IEEE CNF**

---

43 **Design of networked visual monitoring systems**
*Chin-Hwa Kuo; Tay-Shen Wang;*
Circuits and Systems, 2000. Proceedings. ISCAS 2000 Geneva. The 2000 IEE International Symposium on , Volume: 4 , 28-31 May 2000
Pages:297 - 300 vol.4

[Abstract] [PDF Full-Text (388 KB)] **IEEE CNF**

---

44 **Tracking object using improved Hausdorff measure**
*Ke Liu; Xianmin Zhang;*
Intelligent Control and Automation, 2000. Proceedings of the 3rd World Cong on , Volume: 1 , 28 June-2 July 2000
Pages:322 - 326 vol.1

[Abstract] [PDF Full-Text (380 KB)] **IEEE CNF**

---

45 **Using shape feature matching to track moving objects in image sequences**
*Hsu, D.; Leu, J.; Chen, S.; Chang, W.; Fang, W.;*
Multimedia and Expo, 2000. ICME 2000. 2000 IEEE International Conference on , Volume: 2 , 30 July-2 Aug. 2000
Pages:785 - 788 vol.2

[Abstract] [PDF Full-Text (264 KB)] **IEEE CNF**

---

**Prev 1 2 3 4 5 Next**



Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **72** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> mov* <and> camera <and> background Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

---

46 **Real-time 2½D head pose recovery for model-based video-coding**
*Cordea, M.D.; Petriu, E.M.; Georganas, N.D.; Petriu, D.C.; Whalen, T.E.;*
Instrumentation and Measurement Technology Conference, 2000. IMTC 2000 Proceedings of the 17th IEEE , Volume: 2 , 1-4 May 2000
Pages:601 - 606 vol.2

[Abstract] [PDF Full-Text (532 KB)] **IEEE CNF**

---

47 **Moving object tracking in video**
*Yiwei Wang; Doherty, J.F.; Van Dyck, R.E.;*
Applied Imagery Pattern Recognition Workshop, 2000. Proceedings. 29th , 16 Oct. 2000
Pages:95 - 101

[Abstract] [PDF Full-Text (1056 KB)] **IEEE CNF**

---

48 **Tracking non-rigid, moving objects based on color cluster flow**
*Heisele, B.; Kressel, U.; Ritter, W.;*
Computer Vision and Pattern Recognition, 1997. Proceedings., 1997 IEEE Computer Society Conference on , 17-19 June 1997
Pages:257 - 260

[Abstract] [PDF Full-Text (596 KB)] **IEEE CNF**

---

49 **A low-cost, high-speed, calibrated 3D vision system for tracking humans-a component of the intelligent mechatronics network**
*Appenzeller, G.; Hashimoto, H.;*
Advanced Intelligent Mechatronics '97., IEEE/ASME International Conference on , 16-20 June 1997
Pages:137

[Abstract] [PDF Full-Text (120 KB)] IEEE CNF

50 **Visually servoed gripping of a used car battery**
*Tonko, M.; Schurmann, J.; Schafer, K.; Nagel, H.-H.;*
Intelligent Robots and Systems, 1997. IROS '97., Proceedings of the 1997 IEEE/RSJ International Conference on , Volume: 1 , 7-11 Sept. 1997
Pages:49 - 54 vol.1

[Abstract] [PDF Full-Text (676 KB)] IEEE CNF

51 **Human detection using depth and gray images**
*Fengliang Xu; Kikuo Fujimura;*
Proceedings. IEEE Conference on Advanced Video and Signal Based Surveillar 2003. , 21-22 July 2003
Pages:115 - 121

[Abstract] [PDF Full-Text (620 KB)] IEEE CNF

52 **Simple and robust tracking of hands and objects for video-based multimedia production**
*Itoh, M.; Ozeki, M.; Nakamura, Y.; Ohta, Y.;*
Multisensor Fusion and Integration for Intelligent Systems, MFI2003. Proceed of IEEE International Conference on , 30 July-1 Aug. 2003
Pages:252 - 257

[Abstract] [PDF Full-Text (860 KB)] IEEE CNF

53 **2D recovery of human posture**
*Yi Sun; Mei-Hua Li; Jia-Sheng Hu; En-Liang Wang;*
Machine Learning and Cybernetics, 2002. Proceedings. 2002 International Conference on , Volume: 3 , 4-5 Nov. 2002
Pages:1638 - 1640 vol.3

[Abstract] [PDF Full-Text (275 KB)] IEEE CNF

54 **Smart cameras with real-time video object generation**
*Del Bue, A.; Comaniciu, D.; Ramesh, V.; Regazzoni, C.;*
Image Processing. 2002. Proceedings. 2002 International Conference on , Vo 3 , 24-28 June 2002
Pages:III-429 - III-432 vol.3

[Abstract] [PDF Full-Text (392 KB)] IEEE CNF

55 **Tracking people**
*Ng Kim Piau; Ranganath, S.;*
Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 2 , 11-15 Aug. 2002
Pages:370 - 373 vol.2

[Abstract] [PDF Full-Text (341 KB)] IEEE CNF

56 **Towards monitoring human activities using an omnidirectional can**

*Xilin Chen; Jie Yang;*
Multimodal Interfaces, 2002. Proceedings. Fourth IEEE International Conferer on , 14-16 Oct. 2002
Pages:423 - 428

[Abstract] [PDF Full-Text (560 KB)] **IEEE CNF**

---

57 **Tracking hands and objects for an intelligent video production syst**
*Ozeki, M.; Itoh, M.; Nakamura, Y.; Ohta, Y.;*
Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volume: 3 , 11-15 Aug. 2002
Pages:1011 - 1014 vol.3

[Abstract] [PDF Full-Text (344 KB)] **IEEE CNF**

---

58 **A study on analysis of road image including a pedestrian crossing**
*Nishimura, Y.; Okamoto, N.;*
Electrical and Computer Engineering, 2002. IEEE CCECE 2002. Canadian Conference on , Volume: 2 , 12-15 May 2002
Pages:934 - 939 vol.2

[Abstract] [PDF Full-Text (942 KB)] **IEEE CNF**

---

59 **Tracking moving objects as spatio-temporal boundary detection**
*Mitiche, A.; Feghali, R.; Mansouri, A.;*
Image Analysis and Interpretation, 2002. Proceedings. Fifth IEEE Southwest Symposium on , 7-9 April 2002
Pages:106 - 110

[Abstract] [PDF Full-Text (411 KB)] **IEEE CNF**

---

60 **Learning image statistics for Bayesian tracking**
*Sidenbladh, H.; Black, M.J.;*
Computer Vision, 2001. ICCV 2001. Proceedings. Eighth IEEE International Conference on , Volume: 2 , 7-14 July 2001
Pages:709 - 716 vol.2

[Abstract] [PDF Full-Text (1032 KB)] **IEEE CNF**

---

**Prev 1 2 3 4 5 Next**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **72** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> mov* <and> camera <and> background Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

61 **3D head pose recovery for interactive virtual reality avatars**
*Cordea, M.D.; Petriu, E.M.; Georganas, N.D.; Petriu, D.C.; Whalen, T.E.;*
Instrumentation and Measurement Technology Conference, 2001. IMTC 2001 Proceedings of the 18th IEEE , Volume: 1 , 21-23 May 2001
Pages:72 - 77 vol.1

[Abstract] [PDF Full-Text (540 KB)] **IEEE CNF**

62 **A person following behaviour for a mobile robot**
*Sidenbladh, H.; Kragic, D.; Christensen, H.I.;*
Robotics and Automation, 1999. Proceedings. 1999 IEEE International Confer on , Volume: 1 , 10-15 May 1999
Pages:670 - 675 vol.1

[Abstract] [PDF Full-Text (392 KB)] **IEEE CNF**

63 **Robust person tracking with non-stationary background using a combined Pseudo-2D-HMM and Kalman-filter approach**
*Rigoll, G.; Muller, S.; Winterstein, B.;*
Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conferenc on , Volume: 4 , 24-28 Oct. 1999
Pages:242 - 246 vol.4

[Abstract] [PDF Full-Text (344 KB)] **IEEE CNF**

64 **Robust person tracking in real scenarios with non-stationary background using a statistical computer vision approach**
*Rigoll, G.; Winterstein, B.; Muller, S.;*
Visual Surveillance, 1999. Second IEEE Workshop on, (VS'99) , 26 June 1999
Pages:41 - 47

[Abstract] [PDF Full-Text (544 KB)] IEEE CNF

65 **Elliptical head tracking using intensity gradients and color histogra**
*Birchfield, S.;*
Computer Vision and Pattern Recognition, 1998. Proceedings. 1998 IEEE Cor
Society Conference on , 23-25 June 1998
Pages:232 - 237

[Abstract] [PDF Full-Text (200 KB)] IEEE CNF

66 **View-based detection and analysis of periodic motion**
*Cutler, R.; Davis, L.;*
Pattern Recognition, 1998. Proceedings. Fourteenth International Conference
on , Volume: 1 , 16-20 Aug. 1998
Pages:495 - 500 vol.1

[Abstract] [PDF Full-Text (308 KB)] IEEE CNF

67 **Binocular gaze holding of a moving object with the active stereo vi system**
*Tanaka, M.; Maru, N.; Miyazaki, F.;*
Applications of Computer Vision, 1994., Proceedings of the Second IEEE Work
on , 5-7 Dec. 1994
Pages:250 - 255

[Abstract] [PDF Full-Text (388 KB)] IEEE CNF

68 **Learning to track curves in motion**
*Blake, A.; Isard, M.; Reynard, D.;*
Decision and Control, 1994., Proceedings of the 33rd IEEE Conference on , Vc
4 , 14-16 Dec. 1994
Pages:3788 - 3793 vol.4

[Abstract] [PDF Full-Text (1208 KB)] IEEE CNF

69 **3-D tracking of a moving object by an active stereo vision system**
*Tanaka, M.; Maru, N.; Miyazaki, F.;*
Industrial Electronics, Control and Instrumentation, 1994. IECON '94., 20th
International Conference on , Volume: 2 , 5-9 Sept. 1994
Pages:816 - 820 vol.2

[Abstract] [PDF Full-Text (340 KB)] IEEE CNF

70 **Active tracking**
*Murray, D.; Basu, A.;*
Intelligent Robots and Systems '93, IROS '93. Proceedings of the 1993 IEEE/I
International Conference on , Volume: 2 , 26-30 July 1993
Pages:1021 - 1028 vol.2

[Abstract] [PDF Full-Text (1028 KB)] IEEE CNF

71 **Motion tracking on the spatiotemporal surface**

*Baker, H.H.; Garvey, T.D.;*
Visual Motion, 1991., Proceedings of the IEEE Workshop on , 7-9 Oct. 1991
Pages:340 - 345

[Abstract] [PDF Full-Text (612 KB)] **IEEE CNF**

---

72 **Tracking using self-initialising active meshes**
*Molloy, D.; Whelan, P.F.;*
Image Processing and Its Applications, 1999. Seventh International Conferen
(Conf. Publ. No. 465) , Volume: 2 , 13-15 July 1999
Pages:701 - 705 vol.2

[Abstract] [PDF Full-Text (304 KB)] **IEE CNF**

---

**Prev** 1 2 3 4 5

---

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **5** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> mov* <and> camera <and> background < Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **Advanced visual tracking system based on 3-D motion model of mo object**
*Junghyun Hwang; Ooi, Y.; Ozawa, S.;*
Industrial Electronics, Control and Instrumentation, 1994. IECON '94., 20th International Conference on , Volume: 2 , 5-9 Sept. 1994
Pages:821 - 825 vol.2

[Abstract] [PDF Full-Text (420 KB)] **IEEE CNF**

---

2 **Classifying periodic motions in video sequences**
*Orriols, X.; Binefa, X.;*
Image Processing, 2003. Proceedings. 2003 International Conference on , Vo 1 , 14-17 Sept. 2003
Pages:I - 945-52 vol.1

[Abstract] [PDF Full-Text (368 KB)] **IEEE CNF**

---

3 **Learning patterns of activity using real-time tracking**
*Stauffer, C.; Grimson, W.E.L.;*
Pattern Analysis and Machine Intelligence, IEEE Transactions on , Volume: 22 , Issue: 8 , Aug. 2000
Pages:747 - 757

[Abstract] [PDF Full-Text (2296 KB)] **IEEE JNL**

---

4 **Detection of moving cast shadows for object segmentation**
*Stander, J.; Mech, R.; Ostermann, J.;*
Multimedia, IEEE Transactions on , Volume: 1 , Issue: 1 , March 1999
Pages:65 - 76

[Abstract] [PDF Full-Text (992 KB)] **IEEE JNL**

5 **A flexible eyetracker for psychological applications**
*DeVault, D.J.; Bond, A.H.;*
Applications of Computer Vision, 2000, Fifth IEEE Workshop on. , 4-6 Dec. 20
Pages:201 - 206

[Abstract] [PDF Full-Text (516 KB)] **IEEE CNF**

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ| Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

» Se

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Your search matched **2** of **1075719** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

**Refine This Search:**
You may refine your search by editing the current search expression or enter new one in the text box.

track* <and> background <and> camera <and> mask < Search

☐ Check to search within this result set

**Results Key:**
**JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard

---

1 **Lane detection by orientation and length discrimination**
*Lai, A.H.S.; Yung, N.H.C.;*
Systems, Man and Cybernetics, Part B, IEEE Transactions on , Volume: 30 , I 4 , Aug. 2000
Pages:539 - 548

[Abstract] [PDF Full-Text (764 KB)] **IEEE JNL**

---

2 **Detection of moving cast shadows for object segmentation**
*Stander, J.; Mech, R.; Ostermann, J.;*
Multimedia, IEEE Transactions on , Volume: 1 , Issue: 1 , March 1999
Pages:65 - 76

[Abstract] [PDF Full-Text (992 KB)] **IEEE JNL**

---

Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2004 IEEE — All rights reserved

h eee e eee g e ch e ch e e e c b c g

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|---|---|---|---|---|---|---|---|---|
| 1 | BRS | L2 | 9505 | track$4 and (imag$4 near4 fram$4) | USPAT | 2004/03/31 16:32 | | | 0 |
| 2 | BRS | L3 | 140 | 2 and (background near4 mask) | USPAT | 2004/03/31 16:32 | | | 0 |
| 3 | BRS | L4 | 9 | 3 and (foreground near4 mask) | USPAT | 2004/03/31 16:03 | | | 0 |
| 4 | BRS | L5 | 9 | 4 and (camera$4 or video or observ$5) | USPAT | 2004/03/31 16:33 | | | 0 |
| 5 | BRS | L9 | 0 | 8 and classify$5 | USPAT | 2004/03/31 16:34 | | | 0 |
| 6 | BRS | L10 | 0 | 8 and classif$5 | USPAT | 2004/03/31 16:09 | | | 0 |
| 7 | BRS | L8 | 2 | 6 and (background near4 pixel$4) | USPAT | 2004/03/31 16:09 | | | 0 |
| 8 | BRS | L11 | 3860 | track$4 and (imag$4 adj fram$4) | USPAT | 2004/03/31 16:32 | | | 0 |
| 9 | BRS | L12 | 103 | 11 and (background near4 mask) | USPAT | 2004/03/31 16:33 | | | 0 |
| 10 | BRS | L13 | 101 | 12 and (camera$4 or video or observ$5) | USPAT | 2004/03/31 16:33 | | | 0 |
| 11 | BRS | L14 | 8 | 13 and (background near4 model$4) | USPAT | 2004/03/31 16:33 | | | 0 |
| 12 | BRS | L16 | 0 | 15 and classify$5 | USPAT | 2004/03/31 16:34 | | | 0 |
| 13 | BRS | L17 | 0 | 15 and classif$5 | USPAT | 2004/03/31 16:35 | | | 0 |
| 14 | BRS | L18 | 4 | 15 and (identif$6 near4 object$4) | USPAT | 2004/03/31 16:35 | | | 0 |
| 15 | BRS | L15 | 7 | 14 and (background near4 pixel$4) | USPAT | 2004/03/31 16:41 | | | 0 |
| 16 | BRS | L19 | 0 | 15 and ( mask$4 near4 filter$4) | USPAT | 2004/03/31 16:41 | | | 0 |

Best Available Copy

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|---|---|---|---|---|---|---|---|---|
| 17 | BRS | L20 | 2 | (motion near4 detect$4) and ( degree near3 motion) and ( mask$4 near4 filter$4) | USPAT | 2004/03/31 16:46 | | | 0 |
| 18 | BRS | L21 | 4 | 2 and ( classify$5 near4 pixel$4 near4 image near4 frame) | USPAT | 2004/03/31 16:48 | | | 0 |
| 19 | BRS | L22 | 56 | 2 and ( classify$5 near4 pixel$4) | USPAT | 2004/03/31 16:48 | | | 0 |
| 20 | BRS | L23 | 50 | 22 and ( imag$4 near3 frame) | USPAT | 2004/03/31 16:49 | | | 0 |
| 21 | BRS | L24 | 8 | 23 and ( subsequent$4 near4 frame) | USPAT | 2004/03/31 16:49 | | | 0 |
| 22 | BRS | L7 | 6 | 5 and (background near4 pixel$4) | USPAT | 2004/03/31 17:20 | | | 0 |
| 23 | BRS | L6 | 3 | 5 and (background near4 model) | USPAT | 2004/03/31 18:09 | | | 0 |
| 24 | BRS | L25 | 68 | ((first adj degree) near4 (motion)) | USPAT | 2004/03/31 18:13 | | | 0 |
| 25 | BRS | L26 | 33 | 25 and ((second adj degree) near4 (motion)) | USPAT | 2004/03/31 18:10 | | | 0 |
| 26 | BRS | L27 | 4 | 26 and ( detect$4 near3 motion) | USPAT | 2004/03/31 18:12 | | | 0 |
| 27 | BRS | L29 | 0 | 28 and filter$ | USPAT | 2004/03/31 18:11 | | | 0 |
| 28 | BRS | L28 | 3 | 27 and mask$4 | USPAT | 2004/03/31 18:11 | | | 0 |
| 29 | BRS | L31 | 0 | 30 and ( mask$4 near34 filter$4) | USPAT | 2004/03/31 18:12 | | | 0 |
| 30 | BRS | L32 | 0 | 30 and ( mask$4 near3 filter$4) | USPAT | 2004/03/31 18:13 | | | 0 |
| 31 | BRS | L30 | 12 | 25 and ( detect$4 near3 motion) | USPAT | 2004/03/31 18:13 | | | 0 |

Best Available Copy

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|---|---|---|---|---|---|---|---|---|
| 32 | BRS | L33 | 5542 | ((degree) near4 (motion)) | USPAT | 2004/03/31 18:13 | | | 0 |
| 33 | BRS | L34 | 739 | 33 and ( detect$4 near3 motion) | USPAT | 2004/03/31 18:32 | | | 0 |
| 34 | BRS | L35 | 2 | 34 and ( mask$4 near3 filter$4) | USPAT | 2004/03/31 18:32 | | | 0 |
| 35 | BRS | L36 | 0 | 35 and ( classif$5 near3 pixel$4) | USPAT | 2004/03/31 18:21 | | | 0 |
| 36 | BRS | L37 | 41 | (classif$7 near4 pixel$4) and ( mask$4 near3 filter$4) | USPAT | 2004/03/31 18:31 | | | 0 |
| 37 | BRS | L38 | 7 | 37 and (background near4 mask) | USPAT | 2004/03/31 18:29 | | | 0 |
| 38 | BRS | L39 | 41 | 37 and (background) | USPAT | 2004/03/31 18:40 | | | 0 |
| 39 | BRS | L40 | 14 | 39 and (foreground) | USPAT | 2004/03/31 18:40 | | | 0 |
| 40 | BRS | L41 | 7 | (classif$7 near4 pixel$4) and ( mask$4 near3 filter$4) and tracking | USPAT | 2004/03/31 18:36 | | | 0 |
| 41 | IS&R | L42 | 682 | (382/103,107).CCLS. | USPAT | 2004/03/31 18:40 | | | 0 |
| 42 | BRS | L43 | 22 | 42 and ( mask$4 near3 filter$4) | USPAT | 2004/03/31 18:40 | | | 0 |
| 43 | BRS | L44 | 12 | 43 and ( detect$4 near3 motion) | USPAT | 2004/03/31 18:32 | | | 0 |
| 44 | BRS | L45 | 1 | 44 and (classif$7 near4 pixel$4) | USPAT | 2004/03/31 18:40 | | | 0 |
| 45 | IS&R | L46 | 45070 | (382/103,107).CCLS. or ("348").CLAS. | USPAT | 2004/03/31 18:40 | | | 0 |
| 46 | BRS | L47 | 250 | 46 and (classif$7 near4 pixel$4) | USPAT | 2004/03/31 18:40 | | | 0 |
| 47 | BRS | L48 | 13 | 47 and ( mask$4 near3 filter$4) | USPAT | 2004/03/31 18:40 | | | 0 |

Best Available Copy

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Comments | Error Definition | Errors |
|---|---|---|---|---|---|---|---|---|---|
| 48 | BRS | L49 | 5 | 48 and (foreground) | USPAT | 2004/03/31 18:40 | | | 0 |
| 49 | BRS | L50 | 5 | 49 and (background) | USPAT | 2004/03/31 18:41 | | | 0 |

Best Available Copy